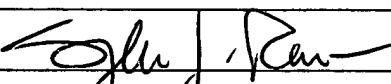
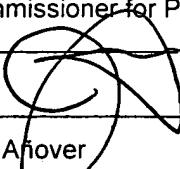


TRANSMITTAL FORM		Application Number	10/507,343
<i>(To be used for all correspondence after initial filing)</i>		Filing Date	March 11, 2002
		First Named Inventor	Hideo Ema
		Art Unit	1636
		Examiner Name	Daniel Sullivan
		Attorney Docket No.	790086.405USPC

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement; Form PTO-1449 <input checked="" type="checkbox"/> Cited References <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts under 37 C.F.R. 1.52 or 1.53 <input type="checkbox"/> Response to Missing Parts/Incomplete Application	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Request for Corrected Filing Receipt <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation, Change of Correspondence Address <input type="checkbox"/> Declaration <input type="checkbox"/> Statement under 37 CFR 3.73(b) <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Return Receipt Postcard <input type="checkbox"/> Other Enclosure(s) (please identify below): <hr/> <hr/> <hr/> <hr/>
<u>Remarks</u>		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	Seed Intellectual Property Law Group PLLC		Customer Number 00500
Signature			
Printed Name	Stephen J. Roseman, Ph.D.		
Date	January 31, 2005	Reg. No.	43,058

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
Signature			
Typed or printed name		Jason Ahoover	
		Date: January 31, 2005	

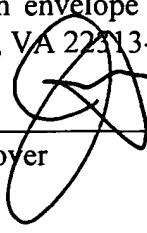
This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Date


Jason Añover

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Hideo Ema et al.
Int'l Application No. : PCT/JP02/02265
U.S. Application No. : 10/507,343
Int'l Filing Date : March 11, 2002
Title : PROTEIN SUSTAINING UNDIFFERENTIATED STEM CELLS

Docket No. : 790086.405USPC
Date : January 31, 2005

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INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents:

In accordance with 37 CFR 1.56 and 1.97 through 1.98, applicants wish to make known to the U.S. Patent and Trademark Office the references set forth on the attached Form PTO-1449. Copies of the cited references are enclosed. As to any reference cited, applicants do not admit that it is "prior art" under 35 U.S.C. §§ 102 or 103, and specifically reserve the right to traverse or antedate any such reference, as by a showing under 37 CFR 1.131 or other method. Although the aforesaid references are made known to the Patent and Trademark Office in compliance with applicants' duty to disclose all information they are aware of which is believed relevant to the examination of the above-identified application, applicants believe that their invention is patentable.

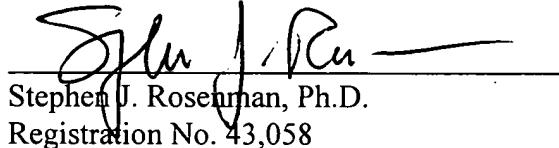
Applicants note that reference AG (Ema et al.) is written in Japanese. Unfortunately, an English language abstract is not available.

Please acknowledge receipt of this Information Disclosure Statement and kindly make the cited references of record in the above-identified application.

Applicants believe this Information Disclosure Statement has been timely filed, however, the Director is authorized to charge any fee due by way of this Information Disclosure Statement to our Deposit Account No. 19-1090.

Respectfully submitted,

Seed Intellectual Property Law Group PLLC



Stephen J. Rosenman, Ph.D.
Registration No. 43,058

Enclosures:

Postcard
Form PTO-1449
Cited References (9)

701 Fifth Avenue, Suite 6300
Seattle, Washington 98104-7092
Phone: (206) 622-4900
Fax: (206) 682-6031

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FORM PTO-1449 (REV.7-80)			U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 790086.405USPC	APPLICATION NO. 10/507,343
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)			APPLICANTS Hideo Ema et al.			
			FILING DATE March 11, 2002		GROUP ART UNIT	

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION
					YES NO
	AB	WO 00/05374	02/03/00	WIPO	

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AC	Brandon, C., et al., "WNT Signaling Modulates the Diversification of Hematopoietic Cells," <i>Blood</i> 96(13):4132-4141, December 15, 2000.
AD	Deasy, B., et al., "Mechanisms of Muscle Stem Cell Expansion with Cytokines," <i>Stem Cells</i> 20:50-60, 2002.
AE	Drouet, M. et al., "Cell Cycle Activation of Peripheral Blood Stream and Progenitor Cells Expanded Ex Vivo with SCF, FLT-3 Ligand, TPO, and IL-3 Results in Accelerated Granulocyte Recovery in a Baboon Model of Autologous Transplantation but G ₀ /G ₁ and S/G ₂ /M Graft cell Content Does Not Correlate with Tranplantability," <i>Stem Cells</i> 19:436-442, 2001.
AF	Drouet, M. et al., "The Reduction of In Vitro Radiation-Induced Fas-Related Apoptosis in CD34 ⁺ Progeniro Cells by SCF, FLT-3 Ligand, TPO, and IL-3 in Combination Resulted in CD34 ⁺ Cell Proliferation and Differentiation," <i>Stem Cells</i> 17:273-285, 1999.
AG	Ema, H., et al., "Purification of Hematopoietic Cells and Their Clonal Analysis," <i>Jikken Igaku</i> 19(15):1977-1981, 2001.
AH	Hsieh, J-C., et al., "A New Secreted Protein that Binds to Wnt Proteins and Inhibits their Activities," <i>Nature</i> 398:431-436, April 1999.
AI	Lako, M., et al., "Characterisation of <i>Wnt</i> Gene Expression During the Differentiation of Murine Embryonic Stem cells in Vitro: Role of <i>Wnt3</i> in Enhancing Haematopoietic Differentiation," <i>Mechanisms of Development</i> 103:49-59, 2001.
AJ	Van Den Berg, D., et al., "Role Of Members of the <i>Wnt</i> Gene Family in Human Hematopoiesis," <i>Blood</i> 92(9):3189-3202, November 1, 1998.

EXAMINER	DATE CONSIDERED
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* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).